



1 mounted to the engine mounts 15 on the platform 14.  
2 The engine is preferably a diesel engine having a  
3 turbocharger with an intercooler. A jet drive unit 17  
4 is mounted beneath the platform 14 of the housing 13  
5 and is attached to the front end 18 of the housing 13.  
6 The jet drive unit extends through the rear 21 of the  
7 housing, out an opening 20 in the housing 13. The jet  
8 drive unit 17 has a water intake 22 and is positioned  
9 to be about level with the bottom 23 of the hull 11.  
10 A water exhaust 24 extending out the rear of the  
11 housing 13. A jet pump 25 is mounted in the jet drive  
12 17 for drawing the water thereinto through the jet  
13 pump and out the water exhaust 24. The jet drive unit  
14 17 is shown below the water line 26 and is supported  
15 on brackets 29 on the front 18 of the housing 13.  
16 Engine 16 has a belt drive 27 having a clutch  
17 mechanism therein for connecting the engine 16 to the  
18 drive pulley 28 of the jet drive unit 17. The housing  
19 13 is sealed against the intrusion of water thereto  
20 and sealed between the platform 14 and the housing 13  
21 to prevent water intrusion and to prevent oil or  
22 engine antifreeze from escaping therefrom.

23 The housing 13 top 30 is removable from the  
24 housing main part 31, as shown in Figure 3. The  
25 housing 13 with the engine 16 and the jet drive unit  
26 17 mounted therein is attached to the transom 12 of  
27 the hull 11 with a pair of brackets 32. Brackets 32  
28 allow the housing 13 to be mounted even with the  
29 bottom of the boat hull or higher than the bottom of  
30 the boat hull so as to reduce ingress of debris and  
31 damage to wildlife. The hull 11 has the main fuel  
32 tank 33 mounted therein having a fuel tank inlet 34  
33 and a fuel line 35 extending therefrom through the  
34 transom 12 and

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